

Print of Drawings  
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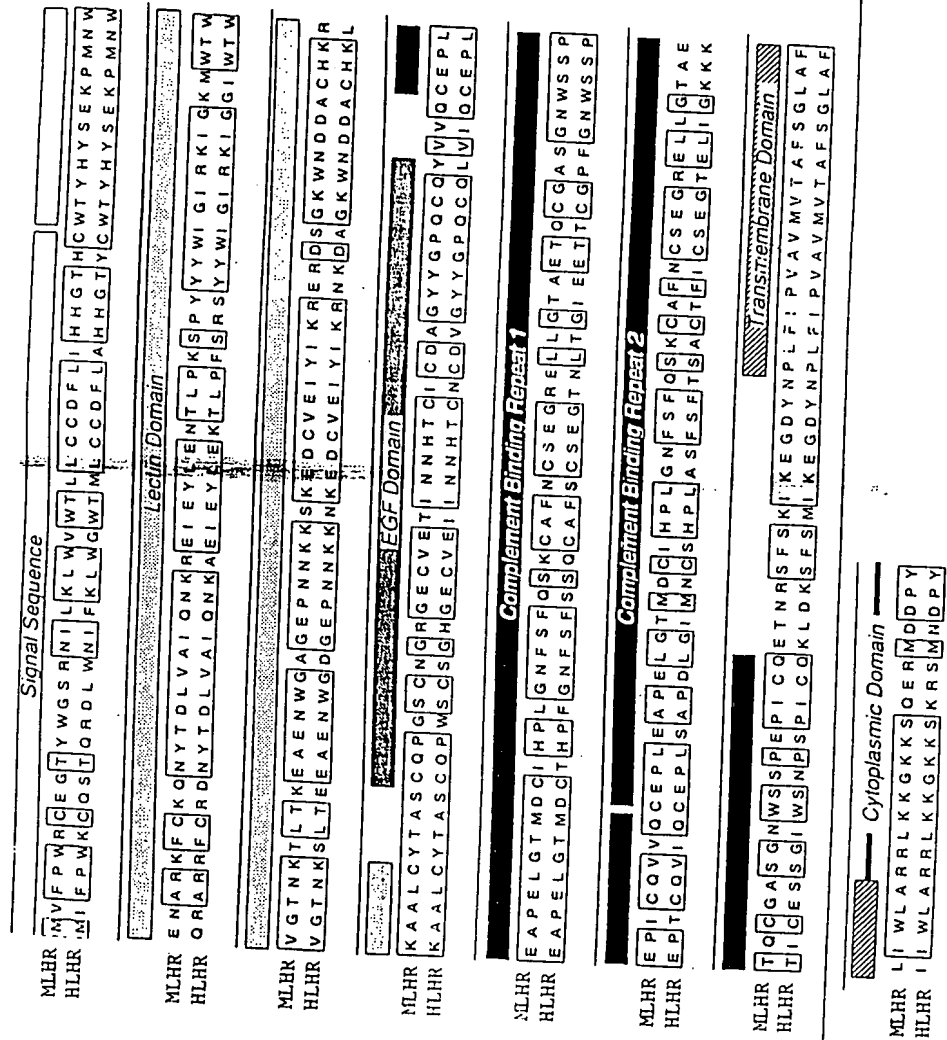
11/215015

ig. 2

GAATTCGAGCTCTGCTCCACCCCTCTCTGTGCAAGAACTCTGAGCCCAAGGTGAGAGGCTGAGCTCTGCTGAG  
1 10  
AGACTTCGAGAGAGACCCAGCAAGCC met val phe pro trp arg [cys] glu gly thr tyr trp gly  
ATG GTG TTT CCA TGG AGA [TCT] GAG GGT ACT TAC TGG GGC  
20  
ser arg asn ile leu lys [leu] trp val trp thr leu leu [cys] [cys] asp phe leu ile his  
CTG TGG GTC TGG ACA CTG CTC [TCT] [TCT] GAC TTC CTG ATA CAC  
30  
his gly thr his [cys] trp thr tyr his tyr ser glu lys pro met asn trp glu asn ala  
CAT GGA ACT CAC [TCT] TGG ACT TAC CAT TAT TCT GAA AAG CCC ATG AAC TGG GAA AAT GCT  
40  
arg lys phe [cys] lys gln [asn] tyr thr [asp] leu val ala ile gln asn lys arg glu ile  
AGA AAG TTC [TCT] AAG CAA [AAT] TAC ACA GAT TTA CTC GCC ATA CAA AAG AGA GAA ATT  
50  
glu tyr leu glu asn thr leu pro lys ser pro tyr tyr trp ile gly ile arg lys  
GAG TAT TTA GAG AAT ACA TTG CCC AAA AGC CCT TAT TAC TAC TGG ATA GGA ATC AGG AAA  
60  
ile gly lys met trp thr trp val gly thr [asn] lys thr [leu] thr lys glu ala glu asn  
ATT GGG AAA ATG TGG ACA TGG GTC GCA ACC [AAC] AAA ACT CTC ACT AAA GAA GCA GAG AAC  
70  
trp gly ala gly glu pro asn [asn] lys lys ser lys glu asp [cys] val glu ile tyr ile  
TGG GGT GCT GGG GAG CCC AAC AAC AAG TCC AAG GAG GAC [TCT] GTG GAG ATC TAT ATC  
80  
lys arg glu arg asp ser gly lys trp asn asp asp ala [cys] his lys arg lys ala ala  
AAG AGG GAA CGA GAC TCT GGG AAA TGG AAC GAT GAC GCC [TCT] CAC AAA CGA AAG GCA GCT  
90  
leu [cys] tyr thr ala ser [cys] gln pro gly ser [cys] asn gly arg gly [cys] val glu  
CTC [TCT] TAC ACA GCC TCT [TCT] CAG CCA GGG TCT [TCT] AAT GGC CGT GGA GAA [TCT] GTG GAA  
100  
thr ile asn [asn] his thr [cys] ile [cys] asp ala gly tyr tyr gly pro gln [cys] gln tyr  
ACT ATC AAC [AAT] CAC ACG [TCT] ATC [TCT] CAT GCA GGG TAT TAC GGG CCC CAG [TCT] CAG TAT  
110  
val val gln [cys] glu pro leu glu ala pro glu leu gly thr met asp [cys] ile his pro  
GTG GTC CAG [TCT] GAG CCT TTG GAG GCC CCT GAG TTG GGT ACC ATG CAG [TCT] ATC CAC CCC  
120  
leu gly [asn] phe ser phe gln ser lys [cys] ala phe [asn] [cys] ser glu gly arg glu leu  
TTG GGA [AAC] TTC ACG TTC CAG TCC AAG [TCT] GCT TTC [AAC] [cys] [TCT] GAG GGA AGA GAG CTA  
130  
leu gly thr ala glu thr gln [cys] gly ala ser gly [asn] trp ser ser pro glu pro ile  
CTT GGG ACT GCA GAA ACA CAG [TCT] GGA GCA TCT GGA [AAC] TGG TCA TCT CCA GAG CCA ATC  
140  
[cys] gln val val gln [cys] glu pro leu glu ala pro glu leu gly thr met asp [cys] ile  
[TCT] CAA GTC GTC CAG [TCT] GAG CCT TTG GAG GCC CCT GAG TTG GGT ACC ATG GAC [TCT] ATC  
150  
his pro leu gly [asn] phe ser phe gln ser lys [cys] ala phe [asn] [cys] ser glu gly arg  
CAC CCC TTG GGA [AAC] TTC ACG TTC CAG TCC AAG [TCT] GCT TTC [AAC] [TCT] [TCT] glu gly arg  
160  
glu leu leu gly thr ala glu thr gln [cys] gly ala ser gly [asn] trp ser ser pro glu  
GAG CTA CTT GGG ACT GCA GAA ACA CAG [TCT] GGA GCA TCT GGA [AAC] TGG TCA TCT CCA GAG  
170  
pro ile [cys] gln glu thr [asn] arg ser phe ser lys ile lys glu gly asp tyr asn [pro]  
CCA ATC [TCT] CAA GAG ACA [AAC] AGA AGT TTC TCA AAG ATC AAA GAA GGT GAG TAC AAC [CCC]  
180  
leu phe ile pro val ala val met val thr ala phe ser gly leu ala phe leu ile trp  
CTC TTC AAT CCT GTA GGC GTC ATG GTC ACC GCA TTC TCG GGC CTG GCA TTT CTC ATT TGG  
190  
leu ala arg arg leu lys lys gly lys lys ser gln glu arg met asp asp pro tyr op  
TTC GCA AGG CGG TTA AAA AAA GGC AAG AAA TCT CAA GAA AGG ATG CAT GAT CCA TAC TGA  
200  
TTTATCCTTTGTGAAGCAAGCCATGAAGTCTAAAGACAAACATTGGAAAATAACGTCAGCTCTCCCTGAAGA  
210  
TTTACAGCCAGGCATCTCCACATTAAGATGCACTGTTTCTCAACGAATTCGAAGCATTTCTTCATCAGCAACA  
220  
GCTCTCTCTAATTTCCCTCTGCTCATTCATCCCAATTAACCTATGCCATAATGTGTGTCTATACAGACTAGTATTTA  
230  
TCATCTTTCTGTGGAGCAACAAAGCTGTACTGTAGAAATATAAGACAGCTGCTTTACTCTTTCTCAACTCT  
240  
TCTTTCTAGTTCAATTCAGCAGCAAGCTAATGCCAACACACATGAAATATGATCCATCAGTAATGGAACTCAG  
250  
ACTGCTTGGCATAGTACGTACCTATCTAACATCGACAAAATCTTTCTATTTCCACTCCAAAGACACAGCTCTCTAT  
260  
TCAAGTTGGGAAAGTCTACTTCTCTGTAGACCTCACTATCTGTGAGTGCACGCCACTGTAGCTGTTCACATTAACCT  
270  
TCCCATCTCTTTCTCTAGGAGAAATATCCACACACTGCACCCCATGATGCCACCAACATCAAGAGGCAAAA  
280  
TCTCTGCAATCAGTTTACTTTTCTGAGTTTCTCTTCTCTTTATAGATCTCTGATGCTTCTTGAAGTCAGTCTCT  
290  
GATGATTATTAATAGTTAATGATAACACACCACTCTCTTGGAGTCTGATTTATGAAGACACAGGTAGAAAAATTC  
300  
CTGGGCTCAGGCTCGAGTGCACCCCTTTCTTCTCTCTAACATCTCTACTCAGATACCTAAATTAAGATTACGACA  
310  
GCTGTCCCAACTCTTACCATGCTTTTATAACTTCTCTTAACTTCCCACTCTAGGCTATCTCATTTCTCTGGC  
320  
TTACTCTGCAAGGTTTATAACATGATGAATTTAAATACAAAAA

Fig. 3

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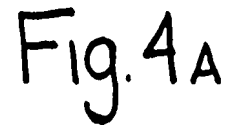


Fig. 4 B

K M                      KF K                      VVIL K  
          10                      20                      30  
EKPMNWENARKFXKQNYTDLVAIQNKXXIEYL

Fig. 4c

A C A C  
AAG CCC ATG AAT TGG GAG AAT GC 3'

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Fig. 5



Fig. 6A

[illegible]

Drickamer	MLHR	84	224	45	104	164	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	525	526	527	528	529	530	531	532	533	534	535	536	537	538	539	540	541	542	543	544	545	546	547	548	549	550	551	552	553	554	555	556	557	558	559	560	561	562	563	564	565	566	567	568	569	570	571	572	573	574	575	576	577	578	579	580	581	582	583	584	585	586	587	588	589	590	591	592	593	594	595	596	597	598	599	600	601	602	603	604	605	606	607	608	609	610	611	612	613	614	615	616	617	618	619	620	621	622	623	624	625	626	627	628	629	630	631	632	633	634	635	636	637	638	639	640	641	642	643	644	645	646	647	648	649	650	651	652	653	654	655	656	657	658	659	660	661	662	663	664	665	666	667	668	669
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	P	G	E	C	C	W	N	D	C	
Drickamer										
MLHR	115	G A L E P	N N K K S K E	D C V E I Y I	K R E R	D S G K	W N D D A		H N H A A	L C
ILH	254	A V T O P	D N W H G H E	G C G V C V E V O	D	G R W N D	D F C		L Q V Y R W	V C
ILH.llepLec	71	S S N N P N N	W E N G	D C G V V E		D T V T G	W D D D C		D N K N F	L C
Barn.Lec	194	R P G O P	D D W Y G H	L G G E D C A H F T	T D G H W N D				R R P Y R	V C
Ch.llepLec	136	K E G E P N N	R G F N E	D C A H V W		T S G W N D	V F C		T Y E C Y Y	V C
ILH.lgRlec	194	A P G E P T	T S R S Q G E	D C		V M M R G S	G R W N D		D A R K L	A W V C
Ra.llepLec2	194	A F T O P	D N C O G H E	E G G S E D C A E I	L S D G L W N D		N F C		Q Q V N R W	A C
Ra.ASGrec	194	A F T O P	D N W Q G H E	E G G S E D C A E I	L S D G L W N D		N F C		Q Q V N R W	A C
Ra.lIP	60	D T G Y P N N	S N R G	Y C V S		V T S N S G Y K K	R D N S		C A O L S F	V C
Ra.lBP	193	K K D E P	N D H C S G E	D C V T I					S C Q A S H T A	V C
Ra.lMBD	72	K K D E P	N D H S G G E	D C V T I					S C Q A S H T A	V C
Ra.lKBP	77	R K G O P	D N W R H G	G E R E D C V H L O R					G T A Y N W	V C
Ra.lKBP	77	R K G O P	D N W R H G	G E R E D C V H L O R					G T A Y N W	V C
FlyFlec	64	S E N N P	D N X H O E	H C V H U W		D T K P L Y O W N D	N C		N K M G Y	I C
Rab.Surf	75	Y P G E P R G	Q G R E	K C V E W Y					T D G K W N D	K N C

Fig. 6B

Point of Drawing  
Original Filed

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MLHR  
Notch  
S. purp.  
Pro. Z  
Fact. X  
Fact. VII  
Fact. IX  
Lin-12  
Fact. XII  
Mu. egf

160	C	Q	P	G	S	C	N	G	R	G	E	C	V	E	T	I	N	N	H	T	C	I	C	D	A	G	Y	Y	G	P	Q	C	Q	Y
1021	C	T	E	S	C	L	N	G	G	S	C	I	D	G	I	N	G	Y	N	C	S	C	L	A	G	Y	S	G	A	N	C	Q	Y	
61	C	A	S	A	P	C	Q	N	G	G	V	C	I	D	G	V	N	G	Y	M	C	D	C	Q	P	G	Y	T	G	T	H	C	E	T
1	C	A	S	Q	P	C	L	N	G	S	C	Q	D	S	I	R	G	Y	A	C	T	C	A	P	G	Y	E	G	P	N	C	A	F	
61	C	E	G	H	P	C	L	N	Q	G	H	C	K	D	G	I	G	D	Y	T	C	T	C	A	E	G	F	E	G	K	N	C	E	F
61	C	E	T	S	P	C	Q	N	Q	G	K	C	K	D	G	L	G	E	Y	T	C	T	C	L	E	G	F	E	G	K	N	C	E	L
1	C	E	S	N	P	C	L	N	G	G	M	C	K	D	D	I	N	S	Y	E	C	W	C	Q	A	G	F	E	G	T	N	C	E	L
361	C	L	E	N	P	C	S	N	G	G	V	C	H	Q	H	R	E	S	F	S	C	D	C	P	P	G	F	Y	G	N	G	C	E	Q
121	C	R	T	N	P	C	L	H	G	G	R	C	L	E	V	E	G	H	R	L	C	H	C	P	V	G	Y	T	G	P	F	C	D	V
841	C	G	P	G	G	C	G	S	H	A	R	C	V	S	D	G	E	T	A	E	C	Q	C	L	K	G	F	A	R	D	G	N	L	C

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121 GAGHCPNPGISLG-AVRTGFRF GHGDKVRYRCSSN-LVLTGSSSE-REC  
61 HCPRPHDFENGE-YWPRSPYYNVSDEISHCYDYG-YTLRGSAN-RTC  
541 EFCPSPPALUKDGF-VODEGPMF PVGKNVYTCNEG-YSLIGNPV-ARC  
241 EDTPNSVWEPAKA-KYVFRDVVQITCLDGEFVVEG-RVGATSFY-STC  
1 .....CDPR-FSLLGHAS-ISCT  
61 EVPTRLNSASLKQ-PYITQNYFPVGTVVEYECRPGYRREPSLSPK-LTC  
61 I KRRCPSPRDI DN-QOLDI GQVDFGSSITYS CNSG-YHLIGESK-SYCE

343 .....QASGN-WSDEPICOVVOCEPLEAPELG-TMDCIHP-LGNFS-FQ  
47 .....DTDG-WTNDIPICEVVVKCLPVTAPENGLKIVSSAMEP-DREYH-FG  
107 .....GADG-WINDIPLCEVVKCLPVTLENGRI VSGAAET-DQEY-FG  
47 .....TEEGK-WSPELPVCAPIICPPPSIPTFA-TLRVYKPSAGNNSLYR  
285 .....TPOGD-WSAAAPTCEVKS CDDFMQQLN-GR-VLFP-V-NLO-LG  
405 .....TSEGV-WTPVPPOCKVAACEA-TGRQL-LT-KP-QHGF-VR  
165 .....QNGGV-WSGTETPI CRQPSYDFEDVAP-ALGTFS-HMLGA-TN  
106 .....QVNGR-WSQOTALCDNGAGYC-SNPGI-PIGTRKV-GSOYR-LE  
596 .....GEDLR-WLVQE MHCQKIAC-VLPVLM-DGISHPO-KFFYT-VG  
295 .....QSNQK-WSNSKLCCKCPVDCGIPESINMG-KVE-DPESTL-FG  
17 VENETIGV-WRSPPTCEKICTCRKPDVSHGE-MVSGFCPI-YN-YK  
108 .....LQNLK-WSIAVEFCCKKSC-P-NPGEIR-NGO-LDV-PGIL-FG  
107 L-STGSMVWNPEAPICESVKKQSPPSISNG-RHNGYED-F-YT-DG

280 SKCAFMNCSEG-REL LGTAETOC---GASGNWSSPEPI COETNRS  
89 QAVRFVNCNSG---YKIEQDEEMHC---SDGFWSEKPKCVEISCK  
149 QVVRFECLNSG---FKIEGHKEIHC---SENGLWSNEKPRCVCVEILCT  
90 DAVFECLPQ---HAMFQNDTITN---TTHQNTK-LPECREVKCP  
324 AKVDFVCDGQ---FQLKQSSASYCVLAGMESLWNSVVPVCEQIFCP  
441 PDVN88CQEG---YKL88SVYQEG---QGTIPFMEIRLCKEITCP  
207 PTOKTKESLQ---RKIOIORSQHL---NLYLLDCSQSVSENDFLI  
145 DSVTYHC9RQ---LTLRQSQRRTC---QEQGWSQTESCQDSFMY  
625 EVTVSC9RQ---MSLEQPSAFLC---GSSLKWSPEMKNARCQVKE  
324 SVIRYTCCEPYYMENGQGEYHC---AGNGSWVNEVLQPELPKCV  
29 DTIVFKCQKQ---FVLRGSSVIHC---DADS KMN  
146 ATISESCNTG---YKLFGSTSTSFCLISQSSVOWSDPLPECREIYCP  
149 SVVTVSCN8G---YSLIQNSQVLC---SQGEWSDDP-PTCQIVKCP

Fig. 3c

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PROTEIN MOTIFS IN THE LYMPHOCYTE HOMING RECEPTOR

